LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081721\
Data File : VV021847.D
Acq On : 18 Aug 2021 04:35
Operator : SY/MD
Sample : M3422-23
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKE2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Title : VOC Analysis

Signal : TIC: VV021847.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.105	17	20	28	rVB	16340	14268	1.02%	0.130%
2	1.304	75	82	99	rVB	181620	182578	13.06%	1.666%
3	1.561	154	162	177	rVB	145778	171455	12.27%	1.565%
4	2.105	321	331	343	rBV	243869	354862	25.39%	3.238%
5	2.375	413	415	417	rBV	643	225	0.02%	0.002%
6	2.664	503	505	508	rBV3	494	299	0.02%	0.003%
7	2.886	572	574	577	rBV2	384	288	0.02%	0.003%
8	2.928	585	587	589	rBV2	441	244	0.02%	0.002%
9	3.040	616	622	625	rBV5	659	686	0.05%	0.006%
10	3.114	643	645	647	rVV	577	249	0.02%	0.002%
11	3.339	712	715	718	rBV2	304	211	0.02%	0.002%
12	3.394	730	732	738	rVV2	484	323	0.02%	0.003%
13	3.420	738	740	746	rVB2	386	273	0.02%	0.002%
14	3.478	753	758	761	rBV2	256	204	0.01%	0.002%
15	3.513	766	769	773	rBV2	438	274	0.02%	0.003%
16	3.532	773	775	778	rVB	367	207	0.01%	0.002%
17	3.555	778	782	783	rBV	377	227	0.02%	0.002%
18	3.590	788	793	798	rBV2	316	326	0.02%	0.003%
19	3.796	854	857	859	rBV	311	194	0.01%	0.002%
20	3.876	871	882	919	rBV	131213	349756	25.02%	3.192%
21	4.349	1011	1029	1056	rBV	225531	571019	40.85%	5.211%
22	4.555	1091	1093	1096	rBV2	355	230	0.02%	0.002%
23	4.571	1096	1098	1105	rVV4	650	610	0.04%	0.006%
24	4.670	1125	1129	1130	rBV3	773	424	0.03%	0.004%
25	4.722	1143	1145	1150	rVB3	584	438	0.03%	0.004%
26	4.838	1177	1181	1184	rVB3	610	397	0.03%	0.004%
27	4.905	1200	1202	1204	rBV	341	201	0.01%	0.002%
28	4.934	1209	1211	1213	rBV2	376	225	0.02%	0.002%
29	5.047	1227	1246	1277	rBV2	549068	1397807	100.00%	12.755%
30	5.452	1367	1372	1375	rBV2	295	301	0.02%	0.003%
31	5.519	1391	1393	1397	rVB2	432	261	0.02%	0.002%
32	5.542	1397	1400	1401	rBV2	705	376	0.03%	0.003%
33	5.577	1408	1411	1412	rBV2	542	262	0.02%	0.002%
34	5.619	1412	1424	1456	rVV	445367	903107	64.61%	8.241%
35	5.809	1481	1483	1485	rBV	395	200	0.01%	0.002%
36	5.905	1502	1513	1531	rBV2	40088	80671	5.77%	0.736%

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ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKE2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Title : VOC Analysis

37	6.072	1551	1565	1597	rBV	316528	654733	46.84%	5.975%
38	6.375	1656	1659	1660	rBV	347	223	0.02%	0.002%
39	6.407	1665	1669	1671	rBV2	500	392	0.03%	0.004%
40	6.471	1685	1689	1690	rBV2	454	208	0.01%	0.002%
41	6.513	1698	1702	1705	rBV4	729	605	0.04%	0.006%
42	6.596	1723	1728	1729	rBV2	332	237	0.02%	0.002%
43	6.719	1763	1766	1768	rBV2	311	229	0.02%	0.002%
44	6.873	1811	1814	1817	rVB2	479	280	0.02%	0.003%
45	6.924	1827	1830	1835	rBV3	491	373	0.03%	0.003%
46	6.989	1838	1850	1874	rBV	164748	303631	21.72%	2.771%
47	7.317	1939	1952	1971	rBV	613691	1076012	76.98%	9.819%
48	7.625	2037	2048	2070	rBV	111725	199984	14.31%	1.825%
49	7.940	2139	2146	2149	rBV6	1724	1844	0.13%	0.017%
50	7.989	2156	2161	2164	rBV5	1036	988	0.07%	0.009%
51	8.037	2174	2176	2181	rVB3	357	250	0.02%	0.002%
52	8.088	2181	2192	2227	rBV2	329328	650592	46.54%	5.937%
53	8.535	2329	2331	2335	rVB4	471	310	0.02%	0.003%
54	8.558	2335	2338	2340	rVB	513	279	0.02%	0.003%
55	8.574	2340	2343	2344	rBV2	503	291	0.02%	0.003%
56	8.690	2376	2379	2383	rBV3	371	280	0.02%	0.003%
57	8.854	2418	2430	2457	rBV	658902	1073699	76.81%	9.798%
58	9.120	2510	2513	2515	rBV2	412	231	0.02%	0.002%
59	9.149	2519	2522	2523	rBV2	803	489	0.03%	0.004%
60	9.214	2538	2542	2544	rBV	246	198	0.01%	0.002%
61	9.548	2643	2646	2649	rBV2	414	274	0.02%	0.003%
62	9.702	2691	2694	2697	rBV	374	196	0.01%	0.002%
63	9.770	2710	2715	2718	rVB2	385	317	0.02%	0.003%
64	9.831	2729	2734	2736	rBV2	429	274	0.02%	0.003%
65	9.944	2766	2769	2772	rVB2	574	281	0.02%	0.003%
66	10.037	2793	2798	2800	rBV	327	251	0.02%	0.002%
67	10.217	2842	2854	2878	rVV	437807	691100	49.44%	6.306%
68	10.355	2891	2897	2899	rBV2	562	430	0.03%	0.004%
69	10.378	2899	2904	2906	rBV4	1476	1259	0.09%	0.011%
70	10.529	2948	2951	2953	rBV	455	243	0.02%	0.002%
71	10.542	2953	2955	2956	rBV	496	233	0.02%	0.002%
72	10.609	2973	2976	2980	rBV3	437	300	0.02%	0.003%
73	10.747	3014	3019	3020	rBV2	330	219	0.02%	0.002%
74	10.776	3026	3028	3034	rBV2	401	308	0.02%	0.003%
75	10.857	3051	3053	3061	rVB2	345	355	0.03%	0.003%
76	10.921	3065	3073	3080	rBV3	1629	2581	0.18%	0.024%

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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKE2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Title : VOC Analysis

77	11.001	3096	3098	3100	rBV	446	198	0.01%	0.002%
78	11.133	3135	3139	3141	rBV	395	265	0.02%	0.002%
79	11.181	3151	3154	3157	rBV2	517	417	0.03%	0.004%
80	11.198	3157	3159	3163	rVB2	584	317	0.02%	0.003%
81	11.252	3163	3176	3194	rBV	658932	1024417	73.29%	9.348%
82	11.625	3280	3292	3310	rBV	678118	1071666	76.67%	9.779%
83	11.776	3337	3339	3343	rBV3	617	428	0.03%	0.004%
84	11.844	3358	3360	3364	rVB2	554	277	0.02%	0.003%
85	12.008	3409	3411	3417	rVB2	392	234	0.02%	0.002%
86	12.159	3455	3458	3460	rBV	474	262	0.02%	0.002%
87	12.259	3483	3489	3495	rVB4	573	889	0.06%	0.008%
88	12.355	3512	3519	3521	rVB2	219	225	0.02%	0.002%
89	12.442	3543	3546	3547	rBV3	620	332	0.02%	0.003%
90	12.738	3636	3638	3642	rVB2	503	300	0.02%	0.003%
91	12.763	3642	3646	3651	rBV2	320	303	0.02%	0.003%
92	12.821	3661	3664	3669	rBV3	234	249	0.02%	0.002%
93	13.005	3717	3721	3723	rBV3	554	408	0.03%	0.004%
94	13.066	3738	3740	3745	rBV3	285	241	0.02%	0.002%
95	13.201	3778	3782	3783	rVB3	442	201	0.01%	0.002%
96	13.220	3785	3788	3790	rBV	281	194	0.01%	0.002%
97	13.358	3828	3831	3834	rBV	232	207	0.01%	0.002%
98	13.506	3867	3877	3893	rBV	67420	106247	7.60%	0.970%
99	13.632	3909	3916	3930	rVB2	4800	7598	0.54%	0.069%
100	14.821	4278	4286	4298	rVB	27943	44064	3.15%	0.402%

Sum of corrected areas: 10958596

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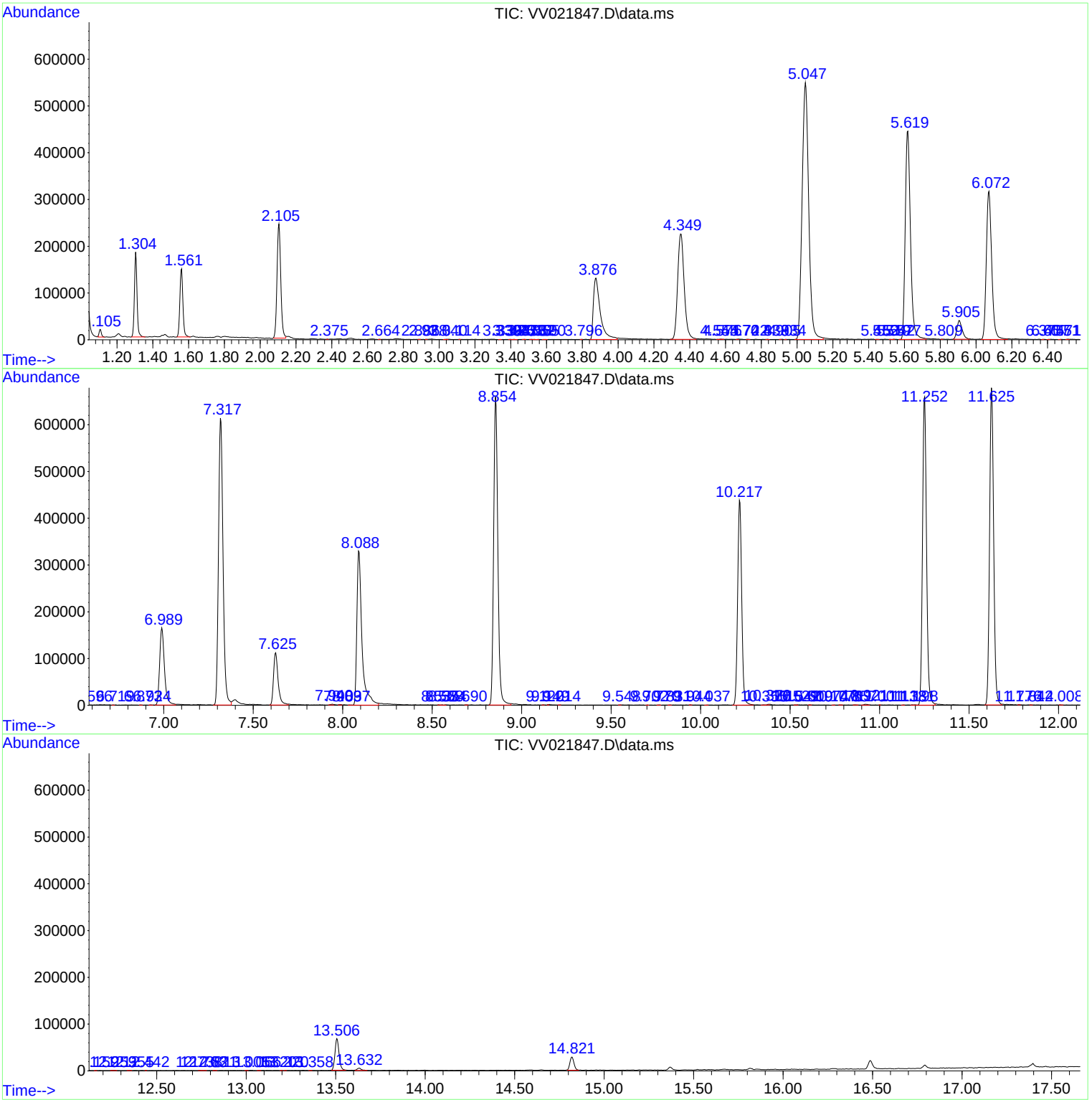
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKE2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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ClientSampleId : DBKE2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

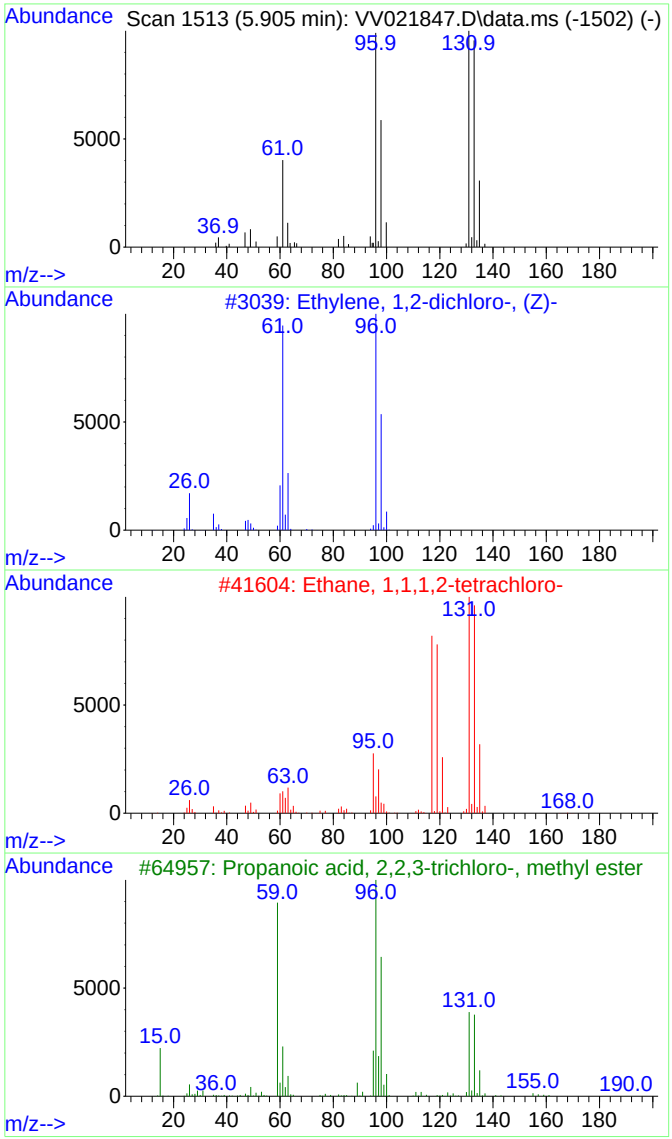
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

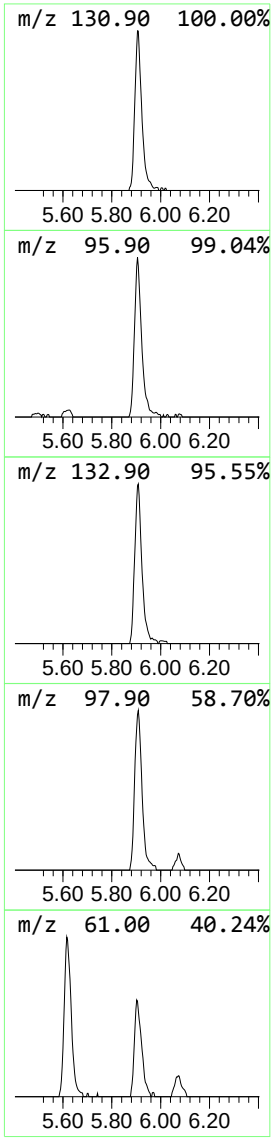
****

Peak Number 1 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.905	4.47 ug/L	80671	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	38
2	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	37
3	Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	37
4	4-Chloro-3-fluoropyridine	131	C5H3ClFN	002546-56-7	32
5	2-Chloro-4-fluoropyridine	131	C5H3ClFN	1000484-44-8	23





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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKE2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

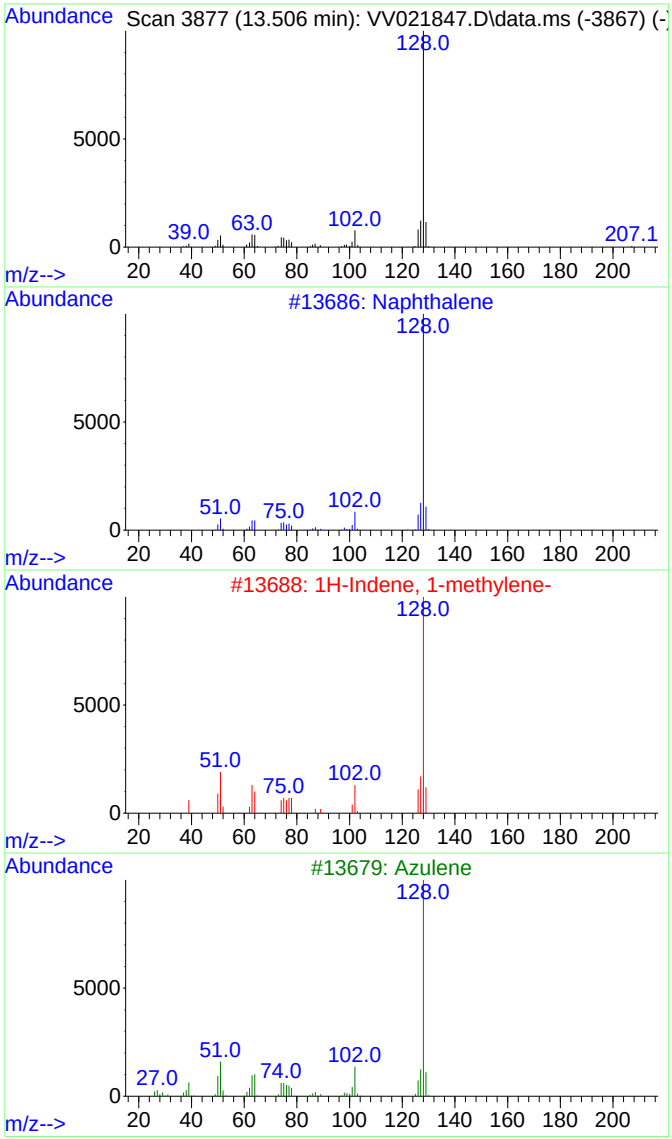
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

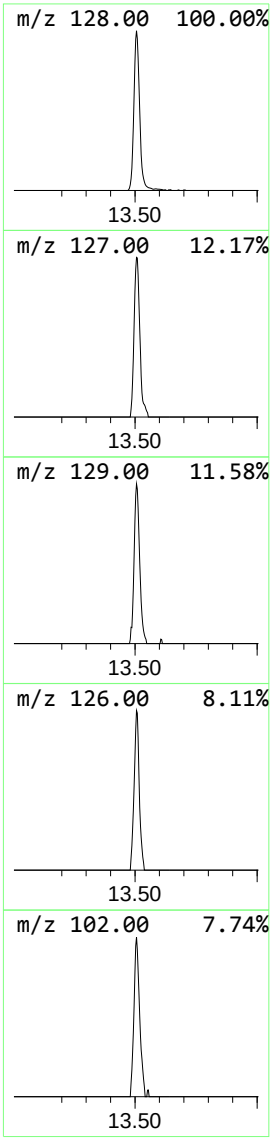
****

Peak Number 3 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.506	5.19 ug/L	106247	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	91
3	Azulene	128	C10H8	000275-51-4	91
4	Azulene	128	C10H8	000275-51-4	91
5	Naphthalene	128	C10H8	000091-20-3	90





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	5.905	4.5	ug/L	80671	1	5.619	903107	50.0
Azulene	13.506	5.2	ug/L	106247	3	11.252	1024420	50.0